REFERENCES CITED

NOTE: *Unpublished items are in the files of the Summer Institute of Linguistics, New Guinea Branch, Ukarumpa, E.H.D., unless otherwise noted. Starred items appear in this volume.*

Austin, William M.

1957 'Criteria for Phonetic Similarity,' *Language* 33:539-44.

Bee, Darlene

nd. Extensive field notes and lexical material. Unpublished.

1961a 'A Comparative Study of Usarufa and Kosena.' Unpublished.

1961b 'Usarufa Personal Pronouns and Pronominal Prefixes.' Workshop papers, Summer Institute of Linguistics, New Guinea Branch. Mimeographed.

1964 'Toward Cross Cultural Comparison of Kinship Terminology.' Unpublished.

*1965a 'Comparative and Historical problems in East New Guinea Highland Languages,' pp. 1-37 in *Papers in New Guinea Linguistics, No. 4,* Linguistic Circle of Canberra Publications, (Series A: Occasional Papers, No. 6) Canberra: Australian National University.

*1965b 'Usarufa: A Descriptive Grammar.' Ph.D. Dissertation, Indiana University.

*1965c 'Usarufa Distinctive Features and Phonemes,' pp. 39-68 in *Papers in New Guinea Linguistics, No. 4,* Linguistic Circle of Canberra Publications (Series A: Occasional Papers No. 6) Canberra: Australian National University.

1966 'Binumarien Grammar Essentials for Translation.' (Data from Desmond and Jennifer Oatridge.) Unpublished.

Bee, Darlene, and Kathleen Barker Glasgow
*1962 'Usarufa Tone and Segmental Phonemes,' pp. 111-27 in *Studies in New Guinea Linguistics*. Oceania Linguistic Monographs No. 6. Sydney: University of Sydney.

Bee, Darlene, and Alan Pence
1962 'Toward Standardization of a Survey Word List for Papua and New Guinea.' Unpublished.

Capell, A.
1949 'Two tonal languages of New Guinea,' *Bulletin of the School of Oriental and African Studies* 13:184-99.
1949/50 'Distribution of Languages in the Central Highlands, New Guinea,' *Oceania* 19:104-29, 234-53, 298-315.
1962a 'The Techniques of Structure Statistics,' *Oceania* 33:1-11.
1962b *A Linguistic Survey of the Southwestern Pacific*. South Pacific Commission Technical Paper No. 136. Nouméa, New Caledonia.

Chretien, C. Douglas
1962 'The Mathematical Models of Glottochronology,' *Language* 38: 11-37.

Cowan, H. K. J.
1959 'A note on statistical methods in comparative linguistics,' *Lingua* 8:233-46.

Crawford, John Chapman
1963 *Totontepec Mixe Phonotagmemics*. Summer Institute of Linguistics Publications in Linguistics and Related Feilds No. 8.

Dyen, Isidore
1956 'Language Distribution and Migration Theory,' *Language* 32: 611-26.

Ellegard, Alvar
1959 'Statistical Measurement of Linguistic Relationship,' *Language* 35:131-56.

Elson, Benjamin, and Velma B. Pickett
1962 'Beginning Morphology and Syntax.' Summer Institute of Linguistics, Santa Ana, California.

Franklin, Karl and Joyce
1962 'Kewa I: Phonological Asymmetry,' *Anthropological Linguistics* 4:29-37.

Frantz, Chester
*1962 'Grammatical Categories as Indicated by Gadsup Noun Affixes,' pp. 44-63 in *Studies in New Guinea Linguistics*. Oceania Linguistic Monographs No. 6. Sydney: University of Sydney.

Frantz, Chester, and Howard McKaughan
*1964 'Gadsup Independent Verb Affixes,' pp. 84-99 in *Verb Studies in Five New Guinea Languages*. Summer Institute of Linguistics Publications in Linguistics and Related Fields No. 10.

Frantz, Chester and Marjorie
n.d. 'Gadsup Lexical List.' Unpublished.
*1966 'Gadsup Phoneme and Toneme Units,' pp. 1-11 in *Papers in New Guinea Linguistics, No. 5*. Linguistic Circle of Canberra Publications (Series A: Occasional Papers, No. 7). Canberra: Australian National University.

Goddard, Jean
*1967 'Agarabi narratives and commentary,' pp. 1-25 in *Papers in New Guinea Linguistics, No. 7*, Pacific Linguistics (Series A: Occasional Papers, No. 13). Canberra: Australian National University.

Goddard, Jean, and Lorna Luff
n.d. 'Agarabi lexical list.' Unpublished.
1962a 'The final verbs of Agarabi.' Unpublished.
1962b 'Phonemes of Agarabi.' Unpublished.

Greenberg, Joseph H.
1957 *Genetic Relationship among Languages, and the Problem of Linguistic Subgroupings*. Essays in Linguistics. Chicago: University of Chicago Press.

Grimes, Joseph E.
1962 'Measures of Linguistic Divergence,' pp. 27-34 in Preprints of Papers for the IXth International Congress of Linguists, Cambridge, Mass.
1964 *Huichol Syntax*. The Hague: Mouton & Co.

Grimes, Joseph E., and Frederick B. Agard
1959 'Linguistic Divergence in Romance,' *Language* 35:598-604.

Gudschinsky, Sarah C.
1956 'The ABC's of Lexicostatistics (Glottochronology),' *Word* 12: 175-210.

Healey, Alan
1962 'Linguistic Aspects of Telefomin Kinship Terminology,' *Anthropological Linguistics* 4:14-28.

Hjemslev, Louis
1953 *A Prolegomena to a Theory of Language*. International Journal of American Linguistics, Memoir 7.

Hockett, Charles F.
1954 'Two Models of Grammatical Description,' *Word* 10:210-31.
1958 '*A Course in Modern Linguistics*. New York: Macmillan.

Hymes, D. H.
1960a 'Lexicostatistics So Far,' *Current Anthropology* 1:3-44.
1960b 'More on Lexicostatistics,' *Current Anthropology* 1:338-45.

Kroeber, A. L.
1960 'Statistics, Indo-European, and Taxonomy,' *Language* 36:1-21.

Littlewood, R. A.
1972 *Physical Anthropology of the Eastern Highlands of New Guinea*. Anthropological Studies in the Eastern Highlands of New Guinea, Vol. I. Seattle and London: University of Washington Press.

Longacre, Robert
1960 'Review of *Mapas de clasificación de Mexico y las Américas*, by Morris Swadesh,' *Language* 36:397-410.
1964 'Prolegomena to Lexical Structures,' *Linguistics, an International Review* 5:5-24.

Loving, Aretta, and Howard McKaughan
*1964 'Awa Verbs, Part II: The Internal Structure of Dependent Verbs,' pp. 1-30 in *Verb Studies in Five New Guinea Languages*. Summer Institute of Linguistics Publications in Linguistics and Related Fields No. 10.

Loving, Richard E.
*1966 'Awa Phonemes, Tonemes, and Tonally Differentiated Allomorphs,' pp. 23-32 in *Papers in New Guinea Linguistics No. 5*, Linguistic Circle of Canberra Publications (Series A: Occasional Papers, No. 7). Canberra: Australian National University.

Loving, Richard and Aretta
n.d. 'Awa Lexical List.' Unpublished.
1961 'Phonemes of Awa.' Unpublished.
*1962 'A Preliminary Survey of Awa Noun Suffixes,' pp. 28-43 in *Studies in New Guinea Linguistics*. Oceania Linguistic Monographs No. 6. Sydney: University of Sydney.

Loving, Richard, and Howard McKaughan
*1964 'Awa Verbs, Part I: The Internal Structure of Independent Verbs,' pp. 31-44 in *Verb Studies in Five New Guinea Languages*. Summer Institute of Linguistics Publications in Linguistics and Related Fields No. 10.

Lusted, Ruth, Claudia Whittle, and Lawrence A. Reid
1964 'The Use of Matrix Technique in an Analysis of Atta Personal Pronouns,' *Oceanic Linguistics* 3:138-60.

McKaughan, Howard

n.d. Auyana, Awa, Gadsup, Tairora lexical lists. Microevolution Studies Project files, University of Washington.

1958 *Inflection and Syntax of Maranao Verbs.* Publications of the Institute of National Language. Manila: Bureau of Printing.

*1964 'A Study of Divergence in Four New Guinea Languages,' *American Anthropologist* 66:98-121.

*1966 'Sequences of Clauses in Tairora,' *Oceanic Linguistics* 5: 1–12.

Marks, Doreen

n.d. 'Kosena lexical list.' Unpublished.

1961 'Auyana Nouns.' Unpublished.

1964a 'Auyana Phoneme Paper.' Unpublished.

1964b 'Auyana Final Verbs.' Unpublished.

Matthews, P. H.

1965 'The Inflectional Component of a Word-and-Paradigm Grammar,' *Journal of Linguistics* 1:139-71.

Nelson, H.

n.d. 'Preliminary report on proto-Kainantu kinship.' Microevolution Studies Project files, University of Washington.

Nicholson, Ruth and Ray

1962 'Fore Phonemes and Their Interpretation,' pp. 128-48 in *Studies in New Guinea Linguistics.* Oceania Linguistic Monographs No. 6. Sydney: University of Sydney.

Oatridge, Desmond and Jennifer

n.d. 'Binumarien Lexical List.' Unpublished.

1965 'Sentence Final Verbs in Binumarien.' Unpublished.

*1967 'Phonemes of Binumarien,' pp. 13-21 in *Papers in New Guinea Linguistics No. 5,* Linguistic Circle of Canberra Publications, (Series A: Occasional Papers, No. 7). Canberra: Australian National University.

Pike, Eunice V.

1954 'Phonetic Rank and Subordination in Consonant Patterning and Historical Change,' *Miscellania Phonetica* 2:25-41.

Pike, Kenneth L.

1943 *Phonetics.* Ann Arbor: University of Michigan Press.

1962a 'Practical Phonetics of Rhythm Waves,' *Phonetica* 8:9-30.

1962b 'Dimensions of Grammatical Constructions,' *Language* 38:221-44.

1963a 'A Syntactic Paradigm,' *Language* 39:216-30.

1963b 'Theoretical Implications of Matrix Permutation in Fore (New Guinea),' *Anthropological Linguistics* 5:1-23.

1967 *Language in Relation to a Unified theory of the Structure of Human Behavior.* 2nd rev. ed., The Hague: Mouton & Co..

Pike, Kenneth L., and Willard Kindberg
1956 'A Problem in Multiple Stresses,' *Word* 12:415-28.

Pike, Kenneth L., and Graham Scott
1963 'Pitch Accent and Non-accented Phrases in Fore (New Guinea).' *Zeitschrift für Phonetik, Sprachwissenschaft und Kommunikationsforschung*, pp. 179-89.

Pittman, Richard S.
1954 'The Priority of Valence over Phonological Attachment and Relative Order in Description: A Grammar of Tetelcingo (Morelos) Nahuatl,' *Language* 30:6-8.
1959 'On Defining Morphology and Syntax,' *International Journal of American Linguistics* 25:199-201.

Reid, Lawrence A.
1964 'A Matrix Analysis of Bontoc Case Marking Particles,' *Oceanic Linguistics* 3:116-37.

Robins, R. H.
1959 'In Defense of WP,' *Transactions of the Philological Society*, pp. 116-44.

Shand, Jean
1964 'A Matrix of Introducer Tagmemes,' *Oceanic Linguistics* 3:110-15.

Stringer, Mary, and Joyce Hotz
*1971 'The Occurrence and Co-occurrence of Waffa Noun Suffixes,' *Seven Languages of Papua-New Guinea*. Linguistic Society of New Zealand. In press.
*1971 'Waffa Phonemes,' *Seven Languages of Papua-New Guinea*. Linguistic Society of New Zealand. In press.

Summer Institute of Linguistics, New Guinea Branch (SIL)
1961 Workshop papers. Ukarumpa, Territory of Papua and New Guinea. Unpublished.

Swadesh, Morris
1950 'Salish International Relationships,' *International Journal of American Linguistics* 16:157-67.
1952 'Lexicostatistic Dating of Prehistoric Ethnic Contacts,' *Proceedings of the American Philosophical Society* 96:452-63.
1955a 'Towards Greater Accuracy in Lexicostatistic Dating,' *International Journal of American Linguistics* 21:121-37.
1955b 'Towards a Satisfactory Genetic Classification of Amerindian Languages,' *Anais do XXXI Congresso Internacional de Americanistas*, Sao Paulo, pp. 1001-12.
1955c 'Amerindian Non-cultural Vocabularies.' Rev. ed. Mimeographed.

1959 'Linguistics as an Instrument of Prehistory,' *Southwestern Journal of Anthropology* 15:21-35.

1962 'Linguistic Relations across Bering Strait,' *American Anthropologist* 64:1262-91.

Vincent, Alex R. and Lois

n.d. 'Tairora Lexical List.' Unpublished.

*1962a 'Introductory Notes on Tairora Verb Morphology and Syntax,' pp. 4-27 in *Studies in New Guinea Linguistics*. Oceania Linguistic Monographs No. 6. Sydney: University of Sydney.

1962b 'Tairora Dictionary.' Unpublished.

1962c 'Tairora Phonemic Statement.' Unpublished.

Watson, J. B.

1963 "A Micro-evolution Study in New Guinea," *Journal of the Polynesian Society* 72 (No. 3): 188-92.

Wurm, S. A.

1960 'The Changing Linguistic Picture of New Guinea,' *Oceania* 31:121-36.

1961a 'The Linguistic Situation in the Highlands Districts of Papua and New Guinea,' *Australian Territories* 1, 2:14-23.

1961b 'Research Report, New Guinea Languages,' *Current Anthropology*, pp. 114-16.

1961c Languages of the Eastern, Western and Southern Highlands, Territory of Papua and New Guinea. Map. Canberra: Australian National University.

1962a 'The Languages of the Eastern, Western and Southern Highlands, Territory of Papua and New Guinea, in A. Capell, ed., *A linguistic survey of the South-Western Pacific*. South Pacific Commission Technical Paper No. 136. Noumea, New Caledonia.

1962b 'Comment on A. Capell, *Oceanic Linguistics Today*,' *Current Anthropology* 3:421-22.

1962c 'Oceanic Linguistics,' *Oceanic Linguistics* 1:1-11.

1962d 'The Present State of New Guinea (non-Melanesian or Papuan) and Australian Historical and Comparative Linguistics.' Paper read at the 9th International Congress of Linguistics, Cambridge, Mass.

1964a 'Australian New Guinea Highland Languages and the Distribution of their Typological Features,' *American Anthropologist* 66:77-97.

1964b *Phonological Diversification in Australian New Guinea Highland Languages*. Linguistic Circle of Canberra Publications (Series B: Monographs, No. 2) Canberra: Australian National University.

Wurm, S. A. and D. C. Laycock

1961 'The Question of Language and Dialect in New Guinea,' *Oceania* 32:128-43.

Young, Robert A.
1964 'The Primary Verb in Bena-Bena,' pp. 45-83 in *Verb Studies in Five New Guinea Languages*. Summer Institute of Linguistics Publications in Linguistics and Related Fields No. 10.

Young, Rosemary
1962 'Phonemes of Kanite, Kamano, Benabena and Gahuku,' pp. 70-110 in *Studies in New Guinea Linguistics*. Oceania Linguistic Monographs No. 6. Sydney: University of Sydney.

The Languages of the Eastern Family of the East New Guinea Highland Stock

Edited by HOWARD McKAUGHAN

This book is published with the assistance of a grant from the National Science Foundation.

Copyright © 1973 by the University of Washington Press
Printed in the United States of America

All rights reserved. No part of this publication may be reproduced or transmitted in any form or by any means, electronic or mechanical, including photocopy, recording, or any information storage or retrieval system, without permission in writing from the publisher.

Library of Congress Cataloging in Publication Data
Main entry under title:

The Languages of the eastern family of the east New Guinea highland stock.

(Anthropological studies in the eastern highlands of New Guinea, v. 1)
Reports of research by the New Guinea Microevolution Project.
Bibliography: p.
1. Papuan languages. 2. Kainantu region—Languages. I. McKaughan, Howard, 1922- ed. II. Title. III. Series.
PL6601.A35 499'.12 72-13131
ISBN 0-295-95132-X

Anthropological Studies in the Eastern Highlands of New Guinea
James B. Watson, *Editor*

VOLUMES PUBLISHED:

I. The Languages of the Eastern Family of the East New Guinea Highland Stock, edited by Howard McKaughan
II. Physical Anthropology of the Eastern Highlands of New Guinea, by R. A. Littlewood

UNIVERSITY OF WASHINGTON PRESS
SEATTLE AND LONDON